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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/533,022	03/22/2000	Wilf LeBlanc	17422US02	8407
23446 7590 10/30/2008 MCANDREWS HELD & MALLOY, LTD 500 WEST MADISON STREET			EXAMINER	
			JAMAL, ALEXANDER	
SUITE 3400 CHICAGO, IL	60661		ART UNIT	PAPER NUMBER
			2614	
			MAIL DATE	DELIVERY MODE
			10/30/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
	09/533,022	LEBLANC ET AL.				
Office Action Summary	Examiner	Art Unit				
	ALEXANDER JAMAL	2614				
The MAILING DATE of this communication app	ears on the cover sheet with the c	orrespondence address				
Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 04 Au	iaust 2008					
,—	action is non-final.					
·						
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims						
4) Claim(s) is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) <u>11-13,15-32,35,37,38.40.41.4348,50-58.64.66-71.83-87,89-108,172</u> is/are allowed.						
6)⊠ Claim(s) <u>9,49,82 and 171</u> is/are rejected.						
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/or	r election requirement.					
Application Papers						
9) The specification is objected to by the Examine	r.					
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.						
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).						
Replacement drawing sheet(s) including the correct	ion is required if the drawing(s) is obj	ected to. See 37 CFR 1.121(d).				
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a) ☐ All b) ☐ Some * c) ☐ None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau						
* See the attached detailed Office action for a list	of the certified copies not receive	d.				
Attachment(s)						
 Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 	4) ☐ Interview Summary Paper No(s)/Mail Da					
Notice of Draftsperson's Patent Drawing Review (P10-948) Information Disclosure Statement(s) (PTO/SB/08)	5) Notice of Informal P					
Paper No(s)/Mail Date	6)					

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DETAILED ACTION

Response to Amendment

- 1. Based upon the submitted, the examiner notes that claims 171,172 are added and claims 1-8,10,14,33,34,36,39,42,59-63,65,72-81,88,109-170 are cancelled, and claims 9,11-13,15-31,35,37-38,40,41,43-58,64,66-71,82-87,89-108 have been amended.
- 2. The examiner notes that the use of the terms 'return loss', 'echo return loss', 'return loss enhancement', and 'echo return loss enhancement' are read specifically as the known measurements made on signals received/transmitted to/from a terminal in a bidirectional wired telecommunications network that deal with the echo caused by the subscriber line.

Claim Rejections - 35 USC § 112

- The following is a quotation of the second paragraph of 35 U.S.C. 112:
 The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.
- 2. Claims 9,49,82,171 (and all depending claims) rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The claims each recite the phrase 'about' when describing various values using by the claimed device. It is not clear from the specification exactly what range of values could be used in each case in order to get the desired results. For the purpose of examination, the examiner assumes all of the about phrases were removed.

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Allowable Subject Matter

1. Claims 11-13,15-32,35,37,38.40.41.43--48,50-58.64.66-71.83-87,89-108,172 are

allowed over the prior art of record.

Any inquiry concerning this communication or earlier communications from the examiner

should be directed to Alexander Jamal whose telephone number is 571-272-7498. The examiner

can normally be reached on M-F 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor,

Curtis A Kuntz can be reached on 571-272-7499. The fax phone numbers for the organization

where this application or proceeding is assigned are 571-273-8300 for regular communications

and 571-273-8300 for After Final communications.

/Alexander Jamal/

Examiner, Art Unit 2614

Examiner Alexander Jamal

October 30, 2008